

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2017 Levee Inspection Results

Sacramento Maintenance Yard Putah Creek

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Sacramento Maintenance Yard Putah Creek

Waterway			Bank	Unit Miles
Unit No. 01 Putah Creek or North Levee			Left	8.79
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/19/2017 - 4/18/2017			
DWR Inspector	Herman Phillips			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start		Rating **	A	Issue No.	25
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_ST0007_01_s_2013_25				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has a copy of the O&M Manual.					

No Photos

LM Start		Rating **	A	Issue No.	26
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_ST0007_01_s_2013_26				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has adequate emergency supplies stored.					

No Photos

LM Start		Rating **	A	Issue No.	27
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_ST0007_01_s_2013_27				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard trains yearly for flood fighting.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.	36
LM End	8.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.523537 °	38.521547 °
				-121.631462 °	-121.776958 °
DWR ID	DWR_ST0007_01_s_2017_36				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Due to the wet winter months weeds has been encouraged to grow out of control. Control the annual grasses and weeds on the slope and levee toe.					

Photo 1 of 1 : SP_2017_ST0007_282_36_20170509_00059.jpg



Looking upstream from levee mile 0.01 landside shoulder. Unwanted tall weeds present on the levee slope and shoulder.

LM Start	0.01	Rating **	U	Issue No.	37
LM End	8.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.523537 °	38.521547 °
				-121.631462 °	-121.776960 °
DWR ID	DWR_ST0007_01_s_2017_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the tall annual weds and grasses on the levee section.					

Photo 1 of 1 : SP_2017_ST0007_282_37_20170509_00060.jpg



Looking upstream from levee mile 0.01 waterside levee shoulder. Tall weeds present on the levee section.

LM Start	0.04	Rating **	M	Issue No.	2
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.523119 °	38.521968 °
				-121.631356 °	-121.631519 °
DWR ID	DWR_ST0007_01_f_2016_2				
Comment Code					
Inspector Comment					
2011 - Old cobble site is unraveling, likely causing the toe of the bank to become unstable. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: PUC_0-1_L]					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	0.30	Rating **	M	Issue No.	28
LM End	0.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.520126 °	38.520009 °
				-121.633869 °	-121.634365 °
DWR ID	DWR_ST0007_01_f_2012_28				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.58	Rating **	A/W	Issue No.	39
LM End	0.58	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.519660 °	38.519660 °
				-121.638820 °	-121.638820 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33408 DS_ID:488 EP_NO: 10261 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drainage pipe of unknown material through the levee, 12.5 feet below the crown. Slide gate is located on the waterside (WS) end. Concrete headwall is located on the WS. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10261, 1974 - Tufts) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)] FS Date: 4/10/2014 2:49:52 PM					

Photo 1 of 3 : UCIP_SP_2017_33408_60493.jpg



WS slide gate and headwall

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	0.58	Rating **	A/W	Issue No.	39 (cont)
LM End	0.58	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.519660 °	38.519660 °
				-121.638820 °	-121.638820 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33408 DS_ID:488 EP_NO: 10261 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drainage pipe of unknown material through the levee, 12.5 feet below the crown. Slide gate is located on the waterside (WS) end. Concrete headwall is located on the WS. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10261, 1974 - Tufts) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)] FS Date: 4/10/2014 2:49:52 PM					

Photo 2 of 3 : UCIP_SP_2017_33408_60495.jpg



LS pump and appurtances

LM Start	0.58	Rating **	A/W	Issue No.	39 (cont)
LM End	0.58	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_33408_60494.jpg



LS pump and appurtances

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	1.15	Rating **	M	Issue No.	40
LM End	1.15	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.517110 °	38.517110 °
				-121.648844 °	-121.648844 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:48122
DS_ID:489
EP_NO: 10262
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Pump is disconnected from pipe and could cause backflow at highwater event. Can't see size of pipe sleeved through 24-inch pipe.
FIELD_STRUCT_DESC: 18-inch steel irrigation pipe (field verified not 16-inch) sleeved through existing 24-inch drainage steel pipe through levee, 12.5 feet below the crown. Annular space sealed at both the waterside (WS) and landside (LS) ends. Concrete headwalls are located on both the WS and LS ends. PVC sleeved December of 2007 (unknown source). (16-inch pipe sleeved through 24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10262, 1974 - Wells Fargo Bank, Trustee for S.H. Cowell Foundation)
[Additional Reference(s): DWR Levee Log, March 2007. USACE Sacramento O&M Manual 119, December 1952]
FS Date: 4/10/2014 2:48:00 PM

LM Start	1.15	Rating **	M	Issue No.	40 (cont)
LM End	1.15	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_48122_60481.jpg



WS vent

Photo 2 of 3 : UCIP_SP_2017_48122_60483.jpg



pipe and pump/apertances on LS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	1.15	Rating **	M	Issue No.	40 (cont)
LM End	1.15	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.517110 °	38.517110 °
				-121.648844 °	-121.648844 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:48122 DS_ID:489 EP_NO: 10262 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump is disconnected from pipe and could cause backflow at highwater event. Can't see size of pipe sleeved through 24-inch pipe. FIELD_STRUCT_DESC: 18-inch steel irrigation pipe (field verified not 16-inch) sleeved through existing 24-inch drainage steel pipe through levee, 12.5 feet below the crown. Annular space sealed at both the waterside (WS) and landside (LS) ends. Concrete headwalls are located on both the WS and LS ends. PVC sleeved December of 2007 (unknown source). (16-inch pipe sleeved through 24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10262, 1974 - Wells Fargo Bank, Trustee for S.H. Cowell Foundation) [Additional Reference(s): DWR Levee Log, March 2007. USACE Sacramento O&M Manual 119, December 1952] FS Date: 4/10/2014 2:48:00 PM					

Photo 3 of 3 : UCIP_SP_2017_48122_60482.jpg



Butterfly valve at LS toe

LM Start	1.48	Rating **	M	Issue No.	10
LM End	2.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515322 °	38.517376 °
				-121.654387 °	-121.676054 °
DWR ID	DWR_ST0007_01_s_2012_10				
Comment Code					
DT : Ditch					
Inspector Comment					
This agriculture ditch is owned by Dos Rios Farms. Ending at levee mile 2.72 landside.					

Photo 1 of 1 : SP_2017_ST0007_282_10_20170404_00004.jpg



Agriculture ditch within 10-foot of levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	2.13	Rating **	M	Issue No.	41
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515739 °	38.515739 °
				-121.666432 °	-121.666432 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43033 DS_ID:491 EP_NO: 10262 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe has significant rust and exfoliation of metal showing at ends. Recommend video inspection. FIELD_STRUCT_DESC: 24-inch irrigation pipe of unknown material through levee, 15.5 feet below crown. Slide gate is located on the waterside (WS) end. Concrete headwall is located on the landside (LS) end. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10262, 1974 - Wells Fargo Bank, Trustee for S.H. Cowell Foundation) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)] FS Date: 4/10/2014 2:45:00 PM					

Photo 1 of 3 : UCIP_SP_2017_43033_60465.jpg



LS headwall

LM Start	2.13	Rating **	M	Issue No.	41 (cont)
LM End	2.13	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_43033_60467.jpg



LS distribution box

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	2.13	Rating **	M	Issue No.	41 (cont)
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515739 °	38.515739 °
				-121.666432 °	-121.666432 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43033					
DS_ID:491					
EP_NO: 10262					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe has significant rust and exfoliation of metal showing at ends. Reccomend video inspection.					
FIELD_STRUCT_DESC: 24-inch irrigation pipe of unknown material through levee, 15.5 feet below crown. Slide gate is located on the waterside (WS) end. Concrete headwall is located on the landside (LS) end. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10262, 1974 - Wells Fargo Bank, Trustee for S.H. Cowell Foundation) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)]					
FS Date: 4/10/2014 2:45:00 PM					

Photo 3 of 3 : UCIP_SP_2017_43033_60466.jpg



WS slide gate with vegetation

LM Start	2.72	Rating **	A/W	Issue No.	42
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.517580 °	38.517580 °
				-121.676820 °	-121.676820 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33394 DS_ID:492 EP_NO: 10262 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drainage pipe of unknown material through levee, 13 feet below crown. Slide gate is located on the waterside (WS) end. Concrete headwalls are located on both the waterside (WS) and landside (LS). (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10262, 1974 - Wells Fargo Bank, Trustee for S.H. Cowell Foundation) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)] FS Date: 4/10/2014 2:43:44 PM					

Photo 1 of 2 : UCIP_SP_2017_33394_60458.jpg



WS Slide gate

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	2.72	Rating **	A/W	Issue No.	42 (cont)	
LM End	2.72	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.517580 °		38.517580 °
				-121.676820 °		-121.676820 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33394 DS_ID:492 EP_NO: 10262 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drainage pipe of unknown material through levee, 13 feet below crown. Slide gate is located on the waterside (WS) end. Concrete headwalls are located on both the waterside (WS) and landside (LS). (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10262, 1974 - Wells Fargo Bank, Trustee for S.H. Cowell Foundation) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)] FS Date: 4/10/2014 2:43:44 PM						

Photo 2 of 2 : UCIP_SP_2017_33394_60457.jpg



LS headwall

LM Start	3.22	Rating **	M	Issue No.	43
LM End	3.22	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.519731 °	38.519731 °
				-121.685681 °	-121.685681 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:48013 DS_ID:16849 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Old pipe and concrete hauled to county dump. Evidence of the 14-inch pipe is no longer present at site. See new picture. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 12 feet below the crown. Pipe terminates at standpipe located on the waterside (WS) approximately 500 feet south of levee. Mobile pumping plant is located in the floodway at edge of stream 740 feet south of levee. FS Date: 4/10/2014 2:42:00 PM					

Photo 1 of 3 : UCIP_SP_2017_48013_60451.jpg



Filter Plant on LS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	3.22	Rating **	M	Issue No.	43 (cont)	
LM End	3.22	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.519731 °		38.519731 °
				-121.685681 °		-121.685681 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:48013 DS_ID:16849 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Old pipe and concrete hauled to county dump. Evidence of the 14-inch pipe is no longer present at site. See new picture. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 12 feet below the crown. Pipe terminates at standpipe located on the waterside (WS) approximately 500 feet south of levee. Mobile pumping plant is located in the floodway at edge of stream 740 feet south of levee. FS Date: 4/10/2014 2:42:00 PM						

LM Start	3.22	Rating **	M	Issue No.	43 (cont)
LM End	3.22	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_48013_60448.jpg



Steel Standpipe at 10-inch pipe termination 500-feet south of levee

Photo 3 of 3 : UCIP_SP_2017_48013_60450.jpg



10-inch pipe at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	3.25	Rating **	M	Issue No.	4
LM End	3.43	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.519831 °	38.520011 °
				-121.686263 °	-121.689552 °
DWR ID	DWR_ST0007_01_s_2013_4				
Comment Code					
FE : Fence					
Inspector Comment					
No permit for this wire fence waterside levee slope.					

Photo 1 of 1 : SP_2017_ST0007_282_4_20170404_00001.jpg



Wire fence within the 10-foot easement waterside levee toe.

LM Start	3.80	Rating **	A/W	Issue No.	44
LM End	3.80	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.519790 °	38.519790 °
				-121.695450 °	-121.695450 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33381 DS_ID:496 EP_NO: 10251 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 15 feet below the crown. Two metal cutoff walls were installed through the levee. A T-post and T-handle are located on the landside (LS) toe. The outfall structure and flap gate are located on the west side of bridge, waterside (WS). (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10251, 1974 - F.M.C. Corp.) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)] FS Date: 4/10/2014 2:40:30 PM					

Photo 1 of 3 : UCIP_SP_2017_33381_60439.jpg



WS toe at T handle. No access to pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	3.80	Rating **	A/W	Issue No.	44 (cont)	
LM End	3.80	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.519790 °		38.519790 °
				-121.695450 °		-121.695450 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33381						
DS_ID:496						
EP_NO: 10251						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 15 feet below the crown. Two metal cutoff walls were installed through the levee. A T-post and T-handle are located on the landside (LS) toe. The outfall structure and flap gate are located on the west side of bridge, waterside (WS). (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10251, 1974 - F.M.C. Corp.) [Additional Reference(s): DWR Levee Log, 1981 and 2005. USACE Sacramento O&M Manual Unit 119, December 1952, (Station XX+XX)]						
FS Date: 4/10/2014 2:40:30 PM						

Photo 2 of 3 : UCIP_SP_2017_33381_60441.jpg



LS headwall and pipe

LM Start	3.80	Rating **	A/W	Issue No.	44 (cont)
LM End	3.80	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_33381_60440.jpg



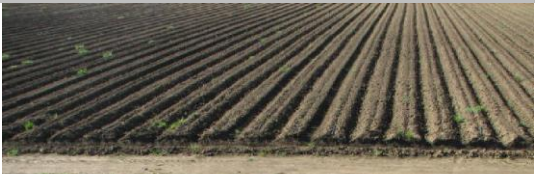
Outfall at creek with flap gate.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

Photo 1 of 1 : UCIP_SP_2017_33379_60436.jpg



Slide gate in 36-inch Standpipe on WS toe.

Photo 1 of 3 : UCIP_SP_2017_33374_60426.jpg



Enter photo 5 description or comment here.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	4.78	Rating **	A/W	Issue No.	46 (cont)
LM End	4.78	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518034 °	38.518034 °
				-121.713129 °	-121.713129 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33374 DS_ID:499 EP_NO: 10256 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: inlet and outlet are caped with concrete. See pictures FIELD_STRUCT_DESC: *ABANDONED* 24-inch irrigation pipe through levee 9.5 feet below the crown. Headwalls on both ends. (ABO No. 10256 - Lederer) FS Date: 4/10/2014 2:38:21 PM					

Photo 2 of 3 : UCIP_SP_2017_33374_60423.jpg



LS shoulder looking down on headwall

LM Start	4.78	Rating **	A/W	Issue No.	46 (cont)
LM End	4.78	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_33374_60425.jpg



WS toe looking down from shoulder

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	5.28	Rating **	A/W	Issue No.	47
LM End	5.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518022 °	38.518022 °
				-121.722521 °	-121.722521 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33371 DS_ID:500 EP_NO: 10256 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Debris removed. See picture FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 15.0 feet below the crown. Slide gate on waterward end. Concrete headwall on landward end. (ABO No. 10256 - Lederer FS Date: 4/10/2014 2:37:39 PM					

Photo 1 of 3 : UCIP_SP_2017_33371_60418.jpg



Enter photo 3 description or comment here.

LM Start	5.28	Rating **	A/W	Issue No.	47 (cont)
LM End	5.28	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_33371_60416.jpg



WS slide gate

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	5.28	Rating **	A/W	Issue No.	47 (cont)
LM End	5.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518022 °	38.518022 °
				-121.722521 °	-121.722521 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33371					
DS_ID:500					
EP_NO: 10256					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: Debris removed. See picture					
FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 15.0 feet below the crown. Slide gate on waterward end. Concrete headwall on landward end. (ABO No. 10256 - Lederer					
FS Date: 4/10/2014 2:37:39 PM					

Photo 3 of 3 : UCIP_SP_2017_33371_60417.jpg



LS headwall showing debris

LM Start	5.30	Rating **	A/W	Issue No.	48
LM End	5.30	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518032 °	38.518032 °
				-121.722778 °	-121.722778 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33370 DS_ID:501 EP_NO: 10256 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 12.5 feet below the crown. Slide gate on waterward end in 36-inch stand pipe. Concrete head wall on landward end. (ABO No. 10256 - Lederer). FS Date: 4/10/2014 2:36:12 PM					

Photo 1 of 2 : UCIP_SP_2017_33370_60415.jpg



LS pump and stand pipe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

Photo 2 of 2 : UCIP_SP_2017_33370_60414.jpg



WS slide gate in 36-inch cmp standpipe

The photograph shows a person standing next to a 36-inch CMP standpipe. The standpipe is a large, cylindrical structure made of concrete pipe. A slide gate is visible inside the pipe, and the person appears to be operating it. The standpipe is located in a gravel area, and there is a metal railing in the foreground. The background shows some vegetation and a building.

Photo 1 of 2 : UCIP_SP_2017_33368_60410.jpg



LS headwall

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	5.56	Rating **	A/W	Issue No.	49 (cont)
LM End	5.56	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518249 °	38.518249 °
				-121.727538 °	-121.727538 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33368 DS_ID:502 EP_NO: 10255 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 11.0 feet below the crown. Slide gate on waterward end. Concrete headwall on landward end. (ABO No. 10255-Hamel) FS Date: 4/10/2014 2:35:43 PM					

Photo 2 of 2 : UCIP_SP_2017_33368_60409.jpg



WS slide gate

LM Start	5.56	Rating **	M	Issue No.	50
LM End	5.56	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.518250 °	38.518250 °
				-121.727685 °	-121.727685 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33367					
DS_ID:590					
EP_NO: 14140					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Air vent broken off on water side shoulder. Also, no flap gate or other positive closure device on either side of levee. No requirement in permit for applicant to install positive closure device, but it may be necessary if maintenance or upgrade is performed on pipe.					
FIELD_STRUCT_DESC: 6" PVC pipe though levee 16' FBC. 24" stand pipe with pump on land side. Pipe outfalls at creek with rip-rap.					
FS Date: 4/10/2014 2:35:30 PM					

Photo 1 of 3 : UCIP_SP_2017_33367_60406.jpg



LS pump and pipe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	5.56	Rating **	M	Issue No.	50 (cont)	
LM End	5.56	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.518250 °	38.518250 °	
				-121.727685 °	-121.727685 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33367						
DS_ID:590						
EP_NO: 14140						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Air vent broken off on water side shoulder. Also, no flap gate or other positive closure device on either side of levee. No requirement in permit for applicant to install positive closure device, but it may be necessary if maintenance or upgrade is performed on pipe.						
FIELD_STRUCT_DESC: 6" PVC pipe though levee 16' FBC. 24" stand pipe with pump on land side. Pipe outfalls at creek with rip-rap.						
FS Date: 4/10/2014 2:35:30 PM						

Photo 2 of 3 : UCIP_SP_2017_33367_60408.jpg



WS outfall at creek bank

LM Start	5.56	Rating **	M	Issue No.	50 (cont)
LM End	5.56	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_33367_60407.jpg



WS shoulder broken air vent

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	5.74	Rating **	A/W	Issue No.	51
LM End	5.74	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518368 °	38.518368 °
				-121.730947 °	-121.730947 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:33364
DS_ID:503
EP_NO: 10252
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: owner of pipe needs to clean out obstruction in pipe.
FIELD_STRUCT_DESC: 24-inch drain pipe through the levee 12.0 feet below the crown. Slide gate on waterward end. Concrete head wall on landward end. (ABO No. 10252 - Hamel)
FS Date: 4/10/2014 2:34:15 PM

LM Start	5.74	Rating **	A/W	Issue No.	51 (cont)
LM End	5.74	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : UCIP_SP_2017_33364_60401.jpg



LS headwall

Photo 2 of 2 : UCIP_SP_2017_33364_60400.jpg



WS headwall and slidegate

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	6.45	Rating **	A/W	Issue No.	52
LM End	6.45	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518208 °	38.518208 °
				-121.743990 °	-121.743990 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33349 DS_ID:505 EP_NO: 10253 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10.4 feet below the crown. Slide gate on waterside (WS) and concrete headwall on both WS and landside (LS) (Automatic Board Order (ABO) issued as Permit No. 10253, 1974 – Lester J. Hamel). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 119, December 1952 (HLM 6.58)]. FS Date: 4/10/2014 2:29:37 PM					

Photo 1 of 2 : UCIP_SP_2017_33349_60372.jpg



WS Slide Gate

LM Start	6.45	Rating **	A/W	Issue No.	52 (cont)
LM End	6.45	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : UCIP_SP_2017_33349_60371.jpg



LS Headwall

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	6.48	Rating **	M	Issue No.	53
LM End	6.48	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.518120 °	38.518120 °
				-121.744570 °	-121.744570 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:33347
DS_ID:506
EP_NO: 10820
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Sign on LS bent over and broken. New signs need to be installed locating pipe that indicate a gas line crossing. The broken or missing signs do not indicate gasoline, only owner info. Owner is Calpine NRG Scott Vickers 707-249-9211. Supervisor will call phone number and ask for new signs to be installed.
FIELD_STRUCT_DESC: 4-inch gas pipeline through the levee 2 feet below the crown. (App. No. 10820 - Dow Chemical)
FS Date: 4/10/2014 2:28:50 PM

LM Start	6.48	Rating **	M	Issue No.	53 (cont)
LM End	6.48	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2017_33347_60366.jpg



LS sign post with damaged sign.

Photo 2 of 2 : UCIP_SP_2017_33347_60365.jpg



LS: sign post bent over in v ditch at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	6.63	Rating **	M	Issue No.	5
LM End	6.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.517746 °	38.517647 °
				-121.747220 °	-121.748679 °
DWR ID	DWR_ST0007_01_s_2012_5				
Comment Code					
FE : Fence					
Inspector Comment					
This fence has been in the area for many years. Levee mile 6.70-6.84 landside within10-foot of easement. No new photo ws taken.					

Photo 1 of 2 : SP_2017_ST0007_282_5_20170404_00002.jpg



Fence at levee mile 6.76 to 6.84 landside within 10-foot of landward toe.
Not a new encroachment.

LM Start	6.63	Rating **	M	Issue No.	5 (cont)
LM End	6.71	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2017_ST0007_282_5_20170404_00003.jpg



Levee mile 6.63-6.71 landside levee toe.

LM Start	6.88	Rating **	M	Issue No.	1
LM End	6.93	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.517362 °	38.517355 °
				-121.751778 °	-121.752824 °
DWR ID	DWR_ST0007_01_f_2016_1				
Comment Code					
Inspector Comment					
2011 - The toe to mid-bank is slumping. Large tree pop-outs have furthered the erosion. Slope is slightly steeper than 1:1. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: PUC_7-2_L]					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	6.95	Rating **	A/W	Issue No.	54 (cont)
LM End	6.95	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.517679°	38.517679°
				-121.753146°	-121.753146°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33343					
DS_ID:508					
EP_NO: 10247					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 24-inch pipe through the levee 11.0 feet below the crown. Flap gate on waterward end. Concrete headwall on landward end. Concrete Apron on waterside. (ABO No. 10247 - University of California).					
FS Date: 4/10/2014 2:27:50 PM					

Photo 2 of 3 : UCIP_SP_2017_33343_60359.jpg



LS headwall

LM Start	6.95	Rating **	A/W	Issue No.	54 (cont)
LM End	6.95	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_33343_60358.jpg



LS headwall

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	7.18	Rating **	A/W	Issue No.	55
LM End	7.18	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518181 °	38.518181 °
				-121.757309 °	-121.757309 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42952 DS_ID:512 EP_NO: 10247 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Debris removed from outlet FIELD_STRUCT_DESC: 24-inch pipe through the levee 12.0 feet below the crown. Flap gate on waterward end. Concrete headwall on landward end. (ABO No. 10247 - U.C.D.) FS Date: 4/10/2014 2:27:00 PM					

Photo 1 of 2 : UCIP_SP_2017_42952_60353.jpg



LS Headwall

LM Start	7.18	Rating **	A/W	Issue No.	55 (cont)
LM End	7.18	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : UCIP_SP_2017_42952_60352.jpg



WS Flapgate

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	7.33	Rating **	M	Issue No.	56
LM End	7.33	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.518440 °	38.518440 °	
			-121.760027 °	-121.760027 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33338 DS_ID:17762 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No Permit identified for crossing. FIELD_STRUCT_DESC: Fiber Optic line markers on East side of railroad tracks. No permit identified. FS Date: 4/10/2014 2:26:19 PM					

No Photos

LM Start	7.34	Rating **	M	Issue No.	57
LM End	7.34	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.518480 °	38.518480 °	
			-121.760330 °	-121.760330 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33337 DS_ID:514 EP_NO: 5858 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: This pipeline needs to be marked as it was installed. There is no indication of location in the field. Indication marker not being present is not a flood hazard. Supervisor will call permittee. FIELD_STRUCT_DESC: 14-inch gas line through the levee 3.0 feet below the crown and under channel. (Permit No. 5858 - S.P. Trans. Co.) FS Date: 4/10/2014 2:26:06 PM					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	7.35	Rating **	M	Issue No.	58
LM End	7.35	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518510 °	38.518510 °
				-121.760474 °	-121.760474 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:41353
DS_ID:516
EP_NO: 10260
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Pipe is partially obstructed with sediment.
Owner of pipe may have to clean sediment
FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 12.0 feet below the crown. Flap gate on waterward end. (ABO No. 10260 S.P. Trans. Co.)
FS Date: 4/10/2014 2:25:00 PM

LM Start	7.35	Rating **	M	Issue No.	58 (cont)
LM End	7.35	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : UCIP_SP_2017_41353_60345.jpg



WS Flap Gate and headwall.

Photo 2 of 2 : UCIP_SP_2017_41353_60344.jpg



LS headwall showing pipe partially blocked with soil.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	7.56	Rating **	A/W	Issue No.	59
LM End	7.56	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.519002 °	38.519002 °
				-121.764315 °	-121.764315 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33333					
DS_ID:518					
EP_NO: 10247					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: Fence blocking inlet. Owner of fence needs to move fence away from inlet.					
FIELD_STRUCT_DESC: 24-inch pipe through levee 12.0 feet below the crown. Slide gate on waterward slope and headwalls on both sides..					
(ABO No. 10247 - U.C.D.)					
FS Date: 4/10/2014 2:24:52 PM					

Photo 1 of 2 : UCIP_SP_2017_33333_60342.jpg



WS headwall and slide gate

LM Start	7.56	Rating **	A/W	Issue No.	59 (cont)
LM End	7.56	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : UCIP_SP_2017_33333_60341.jpg



LS headwall showing fence and soil buildup.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	7.61	Rating **	M	Issue No.	60
LM End	7.61	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.518970 °	38.518970 °	
			-121.765090 °	-121.765090 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33332 DS_ID:592 EP_NO: 6705 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Found a 4-inch pipe near toe of ramp at LM 7.805 but it could not be determined if this pipe crossed through the levee. No additional info is available for pipe location. Lat and long for this pipe: Lat: 38.51898120 Long: -121.765378980. Attempt to determine if this pipe crosses through levee. FIELD_STRUCT_DESC: 4-inch steel irrigation pipe 1.5 feet below the levee crown. Located approximately 110 feet east of the ramp at Levee mile 7.81. Also mentioned in permit # 5896 as a 3-inch steel pipe. (Permit No. 6705) FS Date: 4/10/2014 2:24:27 PM					

No Photos

LM Start	8.28	Rating **	A/W	Issue No.	61
LM End	8.28	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.521246 °	38.521246 °	
			-121.776434 °	-121.776434 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33328 DS_ID:520 EP_NO: 10247 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Cleaned inlet and outlets. Owner of pipe may need to clean pipe FIELD_STRUCT_DESC: 4-inch drainpipe through the levee 8.0 feet below the crown. Slide gate on waterward end. (ABO No. 10247 U.C.D.) FS Date: 4/10/2014 2:23:46 PM					

Photo 1 of 3 : UCIP_SP_2017_33328_60329.jpg



Enter photo 3 description or comment here.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	8.28	Rating **	A/W	Issue No.	61 (cont)
LM End	8.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.521246 °	38.521246 °
				-121.776434 °	-121.776434 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33328 DS_ID:520 EP_NO: 10247 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Cleaned inlet and outlets. Owner of pipe may need to clean pipe FIELD_STRUCT_DESC: 4-inch drainpipe through the levee 8.0 feet below the crown. Slide gate on waterward end. (ABO No. 10247 U.C.D.) FS Date: 4/10/2014 2:23:46 PM					

Photo 2 of 3 : UCIP_SP_2017_33328_60327.jpg



LS headwall showing pipe plugged with soil

LM Start	8.28	Rating **	A/W	Issue No.	61 (cont)
LM End	8.28	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_33328_60328.jpg



WS slide gate showing some blockage with soil.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	8.33	Rating **	A/W	Issue No.	62
LM End	8.33	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.521660 °	38.521660 °
				-121.777203 °	-121.777203 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33327 DS_ID:521 EP_NO: 10247 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Removed material at slidegate and inlet. FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 7.0 feet below the crown. Slide gate on waterward end. (ABO No. 10247 - U.C.D.). Headwall on both ends. Also mentioned in Permit No. 5896. FS Date: 4/10/2014 2:23:16 PM					

Photo 1 of 2 : UCIP_SP_2017_33327_60326.jpg



WS headwall and slidegate

LM Start	8.33	Rating **	A/W	Issue No.	62 (cont)
LM End	8.33	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : UCIP_SP_2017_33327_60325.jpg



LS headwall showing partial blockage

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

No Photos

Photo 1 of 3 : UCIP_SP_2017_41129_60301.jpg

A black metal access panel or door is set into a concrete wall. A large, bare tree branch leans against the panel from the left. The panel has a handle and a lock mechanism. The surrounding area is covered in dry leaves and debris.

Steel plate installed over pipe off LS toe.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	04/19/2017 04/18/2017	Herman Phillips

LM Start	8.69	Rating **	M	Issue No.	63 (cont)	
LM End	8.69	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.523999 °	38.523999 °	
				-121.783037 °	-121.783037 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41129						
DS_ID:523						
EP_NO: 10247						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: *ABANDONED*						
FIELD_STRUCT_DESC: *ABANDONED* 48-inch drain pipe through the levee 15.0 feet below the crown. Steel plate installed over inlet off LS toe (pipe not grouted). Flap gate on waterward end. Headwall on both ends. (ABO No.10247 U.C.D.)						
FS Date: 4/10/2014 2:21:00 PM						

Photo 2 of 3 : UCIP_SP_2017_41129_60299.jpg



LS headwall and pipe before steel plate was installed over pipe to abandon it.

LM Start	8.69	Rating **	M	Issue No.	63 (cont)
LM End	8.69	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_41129_60300.jpg



WS flap gate

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Sacramento Maintenance Yard Putah Creek

Waterway			Bank	Unit Miles
Unit No. 02 Putah Creek or South Levee			Right	7.20
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/18/2017 - 4/18/2017			
DWR Inspector	Herman Phillips			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.	43
LM End	2.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.504772 °	38.514920 °
				-121.663177 °	-121.706327 °
DWR ID	DWR_ST0007_02_s_2017_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control annual grasses and weeds from the levee slope and easement.					

Photo 1 of 1 : SP_2017_ST0007_283_43_20170510_00057.jpg



Looking upstream from levee mile 0.01 Unit 2 waterside slope.

LM Start	0.01	Rating **	U	Issue No.	42
LM End	5.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.504772 °	38.515593 °
				-121.663177 °	-121.757437 °
DWR ID	DWR_ST0007_02_s_2017_42				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the annual grasses and weeds on the slope and toe.					

Photo 1 of 1 : SP_2017_ST0007_283_42_20170510_00058.jpg



Looking upstream from levee mile 0.01 landside shoulder at the weed growth on the landward slope.

LM Start	0.01	Rating **	C	Issue No.	18
LM End	0.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.504870 °	38.504870 °
				-121.663157 °	-121.663157 °
DWR ID	DWR_ST0007_02_f_2016_18				
Comment Code					
PI : Pipe					
Inspector Comment					
Remove the old discarded pipe from the levee section.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.18	Rating **	U	Issue No.	3
LM End	0.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.507155 °	38.509035 °
				-121.682817 °	-121.663488 °
DWR ID	DWR_ST0007_02_s_2012_3				
Comment Code					
DT : Ditch					
Inspector Comment					
This ditch is within the 10-easement					

Photo 1 of 1 : SP_2017_ST0007_283_3_20170510_00059.jpg



Levee mile 0.18 looking upstream from the landside slope, irrigation ditch along the toe.

LM Start	0.18	Rating **	U	Issue No.	20
LM End	0.29	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.507290 °	38.508803 °
				-121.662803 °	-121.663287 °
DWR ID	DWR_ST0007_02_f_2016_20				
Comment Code					
DT : Ditch					
Inspector Comment					
Agriculture ditch within the 10-foot easement.					

Photo 1 of 1 : SP_2017_ST0007_283_20_20170511_00067.jpg



Looking at the levee toe there is an irrigation ditch, tall weeds block the view.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.18	Rating **	A/W	Issue No.	49
LM End	0.18	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.507320 °	38.507320 °
				-121.662799 °	-121.662799 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33410 DS_ID:16631 EP_NO: 10275 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch pipe through the levee 11.0 feet below the crown. Slide gate on waterward end. (ABO No. 10275 - Pereira) Included in O+M Manual FS Date: 4/10/2014 2:50:16 PM					

Photo 1 of 3 : UCIP_SP_2017_33410_60496.jpg



L/S headwall and pipe

LM Start	0.18	Rating **	A/W	Issue No.	49 (cont)
LM End	0.18	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_33410_60498.jpg



L/S headwall at pipe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.18	Rating **	A/W	Issue No.	49 (cont)
LM End	0.18	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.507320 °	38.507320 °
				-121.662799 °	-121.662799 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33410 DS_ID:16631 EP_NO: 10275 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch pipe through the levee 11.0 feet below the crown. Slide gate on waterward end. (ABO No. 10275 - Pereira) Included in O+M Manual FS Date: 4/10/2014 2:50:16 PM					

Photo 3 of 3 : UCIP_SP_2017_33410_60497.jpg



W/S slide gate

LM Start	0.24	Rating **	M	Issue No.	21
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.508123 °	38.509105 °
				-121.662915 °	-121.663543 °
DWR ID	DWR_ST0007_02_f_2016_21				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents and backfill the burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.55	Rating **	U	Issue No.	29
LM End	0.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.510249 °	38.510249 °
				-121.667551 °	-121.667551 °
DWR ID	DWR_ST0007_02_s_2013_29				
Comment Code					
FE : Fence					
Inspector Comment					
No CVFPB Permit for this crossing. The SMY levee maintenance Agency installed this fence a few years ago.					

Photo 1 of 3 : SP_2017_ST0007_283_29_20170404_00005.jpg



Levee mile 0.55 crown roadway crossing.

LM Start	0.55	Rating **	U	Issue No.	29 (cont)
LM End	0.55	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2017_ST0007_283_29_20170404_00006.jpg



Levee mile 0.55 landside slope and toe.

LM Start	0.55	Rating **	U	Issue No.	29 (cont)
LM End	0.55	Issue Type +	En	Location *	LS

Photo 3 of 3 : SP_2017_ST0007_283_29_20170404_00007.jpg



Levee mile 0.55 waterside slope and toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.82	Rating **	A/W	Issue No.	50
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.510700 °	38.510700 °
				-121.672410 °	-121.672410 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33407 DS_ID:16621 EP_NO: 10270 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch pipe through the levee 14.0 feet below the crown. Flap gate on waterward end. Concrete headwall on landward end. (ABO No. 10270 - Hamel) FS Date: 4/10/2014 2:49:39 PM					

Photo 1 of 3 : UCIP_SP_2017_33407_60489.jpg



L/S inlet

LM Start	0.82	Rating **	A/W	Issue No.	50 (cont)
LM End	0.82	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_33407_60492.jpg



L/S headwall

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.82	Rating **	A/W	Issue No.	50 (cont)
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.510700 °	38.510700 °
				-121.672410 °	-121.672410 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33407 DS_ID:16621 EP_NO: 10270 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch pipe through the levee 14.0 feet below the crown. Flap gate on waterward end. Concrete headwall on landward end. (ABO No. 10270 - Hamel) FS Date: 4/10/2014 2:49:39 PM					

Photo 3 of 3 : UCIP_SP_2017_33407_60491.jpg



W/S Channel

LM Start	1.01	Rating **	M	Issue No.	23
LM End	1.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511402 °	38.511598 °
				-121.675727 °	-121.676413 °
DWR ID	DWR_ST0007_02_f_2016_23				
Comment Code					
EQ : Equipment					
Inspector Comment					
This equipment and materials can be moved back away from the easement.					

Photo 1 of 1 : SP_2017_ST0007_283_23_20170404_00004.jpg



Levee mile 1.01 landside toe looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	1.59	Rating **	A/W	Issue No.	51
LM End	1.59	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.514220 °	38.514220 °
				-121.685880 °	-121.685880 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33401 DS_ID:16622 EP_NO: 10270 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch pipe through the levee 16.0 feet below the crown. Slide gate on waterward slope. Concrete headwall on both ends. (ABO No. 10270 - Hamel) FS Date: 4/10/2014 2:48:13 PM					

Photo 1 of 3 : UCIP_SP_2017_33401_60475.jpg



LS channel

LM Start	1.59	Rating **	A/W	Issue No.	51 (cont)
LM End	1.59	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_33401_60478.jpg



WS Channel and Slide gate

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	1.59	Rating **	A/W	Issue No.	51 (cont)
LM End	1.59	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.514220 °	38.514220 °
				-121.685880 °	-121.685880 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33401 DS_ID:16622 EP_NO: 10270 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch pipe through the levee 16.0 feet below the crown. Slide gate on waterward slope. Concrete headwall on both ends. (ABO No. 10270 - Hamel) FS Date: 4/10/2014 2:48:13 PM					

Photo 3 of 3 : UCIP_SP_2017_33401_60477.jpg



WS slide gate

LM Start	1.60	Rating **	M	Issue No.	52
LM End	1.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.514250 °	38.514250 °
				-121.685980 °	-121.685980 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33400					
DS_ID:16623					
EP_NO: 9139					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: There are no appropriate gas markers present on levee to indicate pipe location. Markers need to be installed. No danger to the levee					
FIELD_STRUCT_DESC: 8-inch gas line through the levee 3.0 feet below crown under channel and through Unit No. 1 levee. (Permit No. 9139 - DOW)					
FS Date: 4/10/2014 2:45:48 PM					

Photo 1 of 3 : UCIP_SP_2017_33400_60474.jpg



Gas vent 800-feet to south

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	1.60	Rating **	M	Issue No.	52 (cont)
LM End	1.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.514250 °	38.514250 °
				-121.685980 °	-121.685980 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33400					
DS_ID:16623					
EP_NO: 9139					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: There are no appropriate gas markers present on levee to indicate pipe location. Markers need to be installed. No danger to the levee					
FIELD_STRUCT_DESC: 8-inch gas line through the levee 3.0 feet below crown under channel and through Unit No. 1 levee. (Permit No. 9139 - DOW)					
FS Date: 4/10/2014 2:45:48 PM					

Photo 2 of 3 : UCIP_SP_2017_33400_60472.jpg



small flag on WS shoulder

LM Start	1.60	Rating **	M	Issue No.	52 (cont)
LM End	1.60	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_33400_60473.jpg



steel sign marker at LS toe with no sign

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	2.00	Rating **	M	Issue No.	9
LM End	2.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.515356 °	38.515398 °
				-121.693168 °	-121.694590 °
DWR ID	DWR_ST0007_02_s_2013_9				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents at this location, no rodents were observed but there are several burrows present.					

No Photos

LM Start	2.09	Rating **	M	Issue No.	53
LM End	2.09	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.515440 °	38.515440 °
				-121.694920 °	-121.694920 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41072 DS_ID:16624 EP_NO: 10268 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: It is apparent that there is an irrigation pipe sleeved through the 25-inch pipe, but size cannot be determined. FIELD_STRUCT_DESC: 24-inch irrigation pipe through the levee 13.0 feet below the crown. Gate valve on landward side in 10-inch concrete standpipe. 36-inch standpipe on WS toe. Headwall on LS toe. (ABO No. 10268 - DOW). FS Date: 4/10/2014 2:45:00 PM					

Photo 1 of 3 : UCIP_SP_2017_41072_60468.jpg



gate valve on LS toe in 10-inch standpipe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	2.09	Rating **	M	Issue No.	53 (cont)	
LM End	2.09	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.515440 °	38.515440 °	
				-121.694920 °	-121.694920 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41072						
DS_ID:16624						
EP_NO: 10268						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: It is apparent that there is an irrigation pipe sleeved through the 25-inch pipe, but size cannot be determined.						
FIELD_STRUCT_DESC: 24-inch irrigation pipe through the levee 13.0 feet below the crown. Gate valve on landward side in 10-inch concrete standpipe. 36-inch standpipe on WS toe. Headwall on LS toe. (ABO No. 10268 - DOW).						
FS Date: 4/10/2014 2:45:00 PM						

Photo 2 of 3 : UCIP_SP_2017_41072_60471.jpg



36-inch standpipe WS toe

LM Start	2.09	Rating **	M	Issue No.	53 (cont)
LM End	2.09	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_41072_60470.jpg



LS headwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	2.65	Rating **	A/W	Issue No.	54
LM End	2.65	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.514865 °	38.514865 °
				-121.703839 °	-121.703839 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33395 DS_ID:16625 EP_NO: 10277 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 9.0 feet below the crown. Slide gate on waterward slope. Concrete headwall on both ends. (ABO No. 10277 - Schoeningh) FS Date: 4/10/2014 2:43:57 PM					

Photo 1 of 2 : UCIP_SP_2017_33395_60460.jpg



LS headwall

LM Start	2.65	Rating **	A/W	Issue No.	54 (cont)
LM End	2.65	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : UCIP_SP_2017_33395_60459.jpg



WS headwall and slidegate

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	3.04	Rating **	A/W	Issue No.	55
LM End	3.04	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515080 °	38.515080 °
				-121.711050 °	-121.711050 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33393 DS_ID:16626 EP_NO: 10277 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch pipe through the levee 9.0 feet below the crown. Slide gate on waterward slope and headwalls on both sides. (ABO No. 10277 - Schoeningh) FS Date: 4/10/2014 2:43:31 PM					

Photo 1 of 2 : UCIP_SP_2017_33393_60456.jpg



WS headwall and slide gate

LM Start	3.04	Rating **	A/W	Issue No.	55 (cont)
LM End	3.04	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : UCIP_SP_2017_33393_60455.jpg



LS headwall and pipe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	3.18	Rating **	M	Issue No.	56
LM End	3.18	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.515161 °	38.515161 °
				-121.713634 °	-121.713634 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33392					
DS_ID:16627					
EP_NO: 2273A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: WS shoulder air vent looks broken and needs marker					
FIELD_STRUCT_DESC: 1 of 2: 18-inch irrigation pipe through the					
levee 2.0 feet below the crown. Pump on well on landward side. 18-inch					
standpipe on WS toe. Fresno valve on LS toe and air vent on WS					
shoulder. 36-inch standpipe on landward side. (Permit No. 2273-A -					
Schoeningh)					
FS Date: 4/10/2014 2:43:17 PM					

Photo 1 of 1 : UCIP_SP_2017_33392_60454.jpg



WS shoulder showing air vent with no sign and 18-inch standpipe at WS toe.

LM Start	3.93	Rating **	A/W	Issue No.	57
LM End	3.93	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515620 °	38.515620 °
				-121.727540 °	-121.727540 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33380 DS_ID:16628 EP_NO: 10269 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch pipe through the levee 12.0 feet below the crown. Slide gate on waterward end. Concrete headwall on both ends. (ABO No. 10269 - Fahn) FS Date: 4/10/2014 2:40:00 PM					

Photo 1 of 2 : UCIP_SP_2017_33380_60438.jpg



WS headwall and slide gate

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	3.93	Rating **	A/W	Issue No.	57 (cont)
LM End	3.93	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515620 °	38.515620 °
				-121.727540 °	-121.727540 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33380 DS_ID:16628 EP_NO: 10269 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch pipe through the levee 12.0 feet below the crown. Slide gate on waterward end. Concrete headwall on both ends. (ABO No. 10269 - Fahn) FS Date: 4/10/2014 2:40:00 PM					

Photo 2 of 2 : UCIP_SP_2017_33380_60437.jpg



LS headwall

LM Start	3.95	Rating **	M	Issue No.	31
LM End	5.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515662 °	38.515417 °
				-121.727795 °	-121.752242 °
DWR ID	DWR_ST0007_02_f_2016_31				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the vegetation on the waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	4.17	Rating **	A/W	Issue No.	58
LM End	4.17	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515770 °	38.515770 °
				-121.731840 °	-121.731840 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33378 DS_ID:16629 EP_NO: 10269 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 12.5 feet below the crown. Slide. gate on waterward end. Concrete headwall on both ends. (ABO No. 10269 - Fahn) FS Date: 4/10/2014 2:39:31 PM					

Photo 1 of 2 : UCIP_SP_2017_33378_60435.jpg



LS headwall

LM Start	4.17	Rating **	A/W	Issue No.	58 (cont)
LM End	4.17	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : UCIP_SP_2017_33378_60434.jpg



WS slide gate and headwall

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	4.17	Rating **	M	Issue No.	59
LM End	4.17	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.515780 °	38.515780 °
				-121.731950 °	-121.731950 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33377					
DS_ID:16630					
EP_NO: 10820					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Signs for pipeline need to be updated to state Gas line. Current markers are insufficient.					
FIELD_STRUCT_DESC: 4-inch natural gas pipeline across the channel and levees of Putah Creek approximately 1/2 mile downstream from Davis Road. Installed 2 feet below crown. (Permit No. 10820)					
FS Date: 4/10/2014 2:39:19 PM					

Photo 1 of 2 : UCIP_SP_2017_33377_60433.jpg



WS marker 320 feet north of levee at stream bank.

LM Start	4.17	Rating **	M	Issue No.	59 (cont)
LM End	4.17	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2017_33377_60432.jpg



LS marker on east side of access ramp.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	4.66	Rating **	A/W	Issue No.	60
LM End	4.66	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515814 °	38.515814 °
				-121.741030 °	-121.741030 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33375 DS_ID:16644 EP_NO: 10271 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drain pipe through the levee 9.5 feet below the crown. Flap gate on W/S, 36-inch standpipe on L/S. FS Date: 4/10/2014 2:38:34 PM					

Photo 1 of 3 : UCIP_SP_2017_33375_60427.jpg



LS 36-inch standpipe

LM Start	4.66	Rating **	A/W	Issue No.	60 (cont)
LM End	4.66	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_33375_60429.jpg



WS headwall and flapgate.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	4.66	Rating **	A/W	Issue No.	60 (cont)	
LM End	4.66	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.515814 °	38.515814 °	
				-121.741030 °	-121.741030 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33375 DS_ID:16644 EP_NO: 10271 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drain pipe through the levee 9.5 feet below the crown. Flap gate on W/S, 36-inch standpipe on L/S. FS Date: 4/10/2014 2:38:34 PM						

LS looking down standpipe at CC pipe

LM Start	4.97	Rating **	U	Issue No.	34
LM End	5.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515462 °	38.515410 °
				-121.746648 °	-121.747205 °
DWR ID	DWR_ST0007_02_f _ 2016_34				
Comment Code					
DT : Ditch					
Inspector Comment					
There is an Agriculture ditch placed within the 10-easement landward. This ditch has been reported to Enforcement and a NOV is prepared.					

Landside levee toe levee mile 4.97-5.00 looking upstream unauthorized agriculture ditch placed within the easement. No permit for this encroachment.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	5.07	Rating **	M	Issue No.	61
LM End	5.07	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.515332 °	38.515332 °
				-121.748533 °	-121.748533 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41074					
DS_ID:16632					
EP_NO: 10279					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Pipe and headwalls are completely buried on both sides of levee. 15-inch pipe permitted to sleeve through the 24-inch CMP. Indication that 15-inch pipe is at crossing.					
FIELD_STRUCT_DESC: 24-inch pipe through the levee 10.0 feet below the crown. Slide gate on waterward end. Concrete headwall on landward end. (ABO No. 10279 - Watkins)					
FS Date: 4/10/2014 2:37:00 PM					

Photo 1 of 1 : UCIP_SP_2017_41074_60419.jpg



15-inch standpipe at location where may run through 24-inch SD.

LM Start	5.07	Rating **	M	Issue No.	35
LM End	5.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515358 °	38.515358 °
				-121.748560 °	-121.748560 °
DWR ID	DWR_ST0007_02_f_2016_35				
Comment Code					
PI : Pipe					
Inspector Comment					
Plastic stand pipe landside toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	5.30	Rating **	M	Issue No.	13
LM End	5.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.515377 °	38.515418 °
				-121.752795 °	-121.756028 °
DWR ID	DWR_ST0007_02_f_2012_13				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are bait stations placed in the area for the rodents.					

No Photos

LM Start	5.44	Rating **	A/W	Issue No.	62
LM End	5.44	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515369 °	38.515369 °
				-121.755247 °	-121.755247 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33369 DS_ID:16620 EP_NO: 10267 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Gate has been oiled and debris removed from outlet on land side FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 13.0 feet low the crown. Slide gate on waterward slope. Concrete headwall on both ends. (ABO No. 10267 - Davis Labs.) FS Date: 4/10/2014 2:35:57 PM					

Photo 1 of 3 : UCIP_SP_2017_33369_60411.jpg



W/S

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	5.44	Rating **	A/W	Issue No.	62 (cont)
LM End	5.44	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515369 °	38.515369 °
				-121.755247 °	-121.755247 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33369					
DS_ID:16620					
EP_NO: 10267					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: Gate has been oiled and debris removed from outlet on land side					
FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 13.0 feet low the crown. Slide gate on waterward slope. Concrete headwall on both ends. (ABO No. 10267 - Davis Labs.)					
FS Date: 4/10/2014 2:35:57 PM					

Photo 2 of 3 : UCIP_SP_2017_33369_60413.jpg



L/S Clogged

LM Start	5.44	Rating **	A/W	Issue No.	62 (cont)
LM End	5.44	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_33369_60412.jpg



W/S positive closure device

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	5.64	Rating **	M	Issue No.	44
LM End	5.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515775 °	38.516120 °
				-121.758693 °	-121.761767 °
DWR ID	DWR_ST0007_02_s_2017_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the annual grasses and weeds on the landside slope.					

No Photos

LM Start	5.74	Rating **	A/W	Issue No.	63
LM End	5.74	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.516000 °	38.516000 °
				-121.760500 °	-121.760500 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33363					
DS_ID:16636					
EP_NO: 10279					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: Pipe was cleaned by the owner and 6 in pipe is still being used					
FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 14.0 feet below the crown. Slide gate on waterward end. Concrete head wall on landward end. (ABO No. 10279 - Watkins)					
FS Date: 4/10/2014 2:34:02 PM					

Photo 1 of 2 : UCIP_SP_2017_33363_60399.jpg



WS slide gate and headwall. 6-inch irrigation pipe just inside 24-inch pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	5.74	Rating **	A/W	Issue No.	63 (cont)	
LM End	5.74	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.516000 °	38.516000 °	
				-121.760500 °	-121.760500 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:33363						
DS_ID:16636						
EP_NO: 10279						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments: Pipe was cleaned by the owner and 6 in pipe is still being used						
FIELD_STRUCT_DESC: 24-inch drainpipe through the levee 14.0 feet below the crown. Slide gate on waterward end. Concrete head wall on landward end. (ABO No. 10279 - Watkins)						
FS Date: 4/10/2014 2:34:02 PM						

Photo 2 of 2 : UCIP_SP_2017_33363_60398.jpg



LS headwall showing sedimentation and 6-inch pipe sleeved through 24-inch pipe.

LM Start	5.82	Rating **	M	Issue No.	64
LM End	5.82	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.516140 °	38.516140 °
				-121.761920 °	-121.761920 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33361 DS_ID:16637 EP_NO: 5858 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: According to owner this pipe is no longer in use but has not been abandoned to our standards. Need pipe company to mark location. Contacted Mark Jensen with Kinder Morgan and they are working to determine what kind of markers they should use to replace the missing ones (4/12/12). Ken at 916-416-7938 is working issue. FIELD_STRUCT_DESC: 14-inch petroleum gasoline through the levee 3.0 feet below the crown and under channel. (Permit No. 5858 - S.P. Pipelines). FS Date: 4/10/2014 2:33:35 PM					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	5.82	Rating **	M	Issue No.	65
LM End	5.82	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.516171 °	38.516171 °
				-121.762037 °	-121.762037 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33360 DS_ID:17763 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Fiber optic line markers on East side of railroad tracks. No permit identified for crossing. It appears they may be routed under the wes side of the railroad bridge inside a 6-inch steel conduit. FS Date: 4/10/2014 2:33:07 PM					

No Photos

LM Start	5.83	Rating **	M	Issue No.	66
LM End	5.83	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.516256 °	38.516256 °
				-121.762204 °	-121.762204 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33359 DS_ID:17764 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: Fiber optic line markers on West side of railroad tracks. No permit identified for crossing. FS Date: 4/10/2014 2:32:54 PM					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	5.84	Rating **	A/W	Issue No.	67
LM End	5.84	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.516290°	38.516290°
				-121.762280°	-121.762280°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42953 DS_ID:16639 EP_NO: 10278 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: All material was removed FIELD_STRUCT_DESC: 24-inch drainpipe through levee 15.0 feet below crown. Flap gate on waterward end headwall on LS. (ABO No. 10278 - S.P.R.R.) FS Date: 4/10/2014 2:32:00 PM					

Photo 1 of 2 : UCIP_SP_2017_42953_60397.jpg



WS Flapgate blocked by sedimentation

LM Start	5.84	Rating **	A/W	Issue No.	67 (cont)
LM End	5.84	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : UCIP_SP_2017_42953_60396.jpg



LS headwall

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	5.85	Rating **	U	Issue No.	30
LM End	5.87	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.516353 °	38.516463 °
				-121.762393 °	-121.762757 °
DWR ID	DWR_ST0007_02_s_2017_30				
Comment Code					
MA : Material					
Inspector Comment					
Union Pacific Rail road has been notified that they need to remove the materials left behind. 5-2017.					

Photo 1 of 2 : SP_2017_ST0007_283_30_20170511_00065.jpg



Union Pacific Railroad has left on the waterside shoulder several track railings and metal ties.

LM Start	5.85	Rating **	U	Issue No.	30 (cont)
LM End	5.87	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP_2017_ST0007_283_30_20170511_00066.jpg



On the landside same levee mile there are several metal track ties on the roadway.

LM Start	5.85	Rating **	M	Issue No.	36
LM End	5.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.516385 °	38.516605 °
				-121.762528 °	-121.763043 °
DWR ID	DWR_ST0007_02_f_2016_36				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild vegetation from the waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	6.02	Rating **	A/W	Issue No.	68
LM End	6.02	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.516658 °	38.516658 °
				-121.765572 °	-121.765572 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33353 DS_ID:16641 EP_NO: 10265 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Pipe has some sedimentation buildup internally. FIELD_STRUCT_DESC: 24-inch irrigation pipe through the levee, 11.0 feet below crown. Slide gate on waterward end. Concrete headwall on landward end. (ABO 10265) (Also included in ABO 11296.) FS Date: 4/10/2014 2:30:16 PM					

Photo 1 of 2 : UCIP_SP_2017_33353_60380.jpg



LS headwall and pipe showing sediment buildup.

LM Start	6.02	Rating **	A/W	Issue No.	68 (cont)
LM End	6.02	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : UCIP_SP_2017_33353_60379.jpg



WS slide gate

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	6.34	Rating **	M	Issue No.	69
LM End	6.34	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.517199°	38.517199°
				-121.771262°	-121.771262°
DWR ID					

Comment Code

Inspector Comment

FS_ID:42959
DS_ID:16642
EP_NO: 10265
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Debris buildup at WS outlet
FIELD_STRUCT_DESC: 30-inch pipe through the levee, 17.0 feet below the crown. Headwall and Slide gate on landward end. Flap gate on waterward end 120 feet to the north of crossing. ABO 10265. Also included in Permit No. 11296
FS Date: 4/10/2014 2:29:00 PM

LM Start	6.34	Rating **	M	Issue No.	69 (cont)
LM End	6.34	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : UCIP_SP_2017_42959_60374.jpg



LS slide gate

Photo 2 of 2 : UCIP_SP_2017_42959_60373.jpg



WS flap gate

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	6.44	Rating **	M	Issue No.	70
LM End	6.44	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.517828 °	38.517828 °
				-121.773010 °	-121.773010 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:33348					
DS_ID:16643					
EP_NO: 7279					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: There is no handle on the slide gate operation mechanism and there is a large rootball blocking the outlet on WS.					
FIELD_STRUCT_DESC: 48-inch pipe through the levee 26.0 feet below crown. Slide gate in concrete box on waterward slope of levee. Drop inlet and weir inlet at LS toe. Concrete headwall at outlet. Flap gate on waterward end is off. (App. No. 7279 - DOT)					
FS Date: 4/10/2014 2:29:24 PM					

Photo 1 of 3 : UCIP_SP_2017_33348_60367.jpg



Dropinlet at LS toe.

LM Start	6.44	Rating **	M	Issue No.	70 (cont)
LM End	6.44	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_33348_60370.jpg



Weir inlet at pond on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	6.49	Rating **	M	Issue No.	39
LM End	6.49	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.518247 °	38.518247 °	
			-121.773805 °	-121.773805 °	
DWR ID	DWR_ST0007_02_f_2016_39				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Walnut tree on the waterside shoulder.					

No Photos

LM Start	6.52	Rating **	M	Issue No.	11
LM End	6.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.518404 °	38.519938 °	
			-121.774158 °	-121.776952 °	
DWR ID	DWR_ST0007_02_s_2012_11				
Comment Code					
MA : Material					
Inspector Comment					
Conair containers and other storage units on the landside easement.					

No Photos

LM Start	6.59	Rating **	M	Issue No.	28
LM End	6.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.519033 °	38.519538 °	
			-121.775313 °	-121.776275 °	
DWR ID	DWR_ST0007_02_f_2015_28				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	6.63	Rating **	U	Issue No.	41
LM End	6.74	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.519368 °	38.520210 °
				-121.775930 °	-121.777548 °
DWR ID	DWR_ST0007_02_s_2017_41				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Bamboo being introduced by landowner on the waterside berm. This is unauthorized.					

Photo 1 of 2 : SP_2017_ST0007_283_41_20170404_00010.jpg



Putah Creek levee mile 6.63-6.74 unauthorized planting of arundo plants.

LM Start	6.63	Rating **	U	Issue No.	41 (cont)
LM End	6.74	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP_2017_ST0007_283_41_20170511_00064.jpg



Levee mile 6.63-6.74 waterward berm landowner has several hundred bamboo planting and other crops.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	6.70	Rating **	U	Issue No.	48
LM End	6.70	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.519927 °	38.519927 °
				-121.777033 °	-121.777033 °
DWR ID	DWR_ST0007_02_s_2017_48				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the unauthorized bamboo plantings from the landside levee section.					

Photo 1 of 1 : SP_2017_ST0007_283_48_20170511_00063.jpg



Levee mile 6.70 at the District's gate landowner has placed several bamboo plantings against the gate way landward.

LM Start	6.71	Rating **	U	Issue No.	45
LM End	6.73	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.519948 °	38.520120 °
				-121.777163 °	-121.777405 °
DWR ID	DWR_ST0007_02_s_2017_45				
Comment Code					
CR : Crops					
Inspector Comment					
These plants need to be removed from the roadway and levee section.					

Photo 1 of 1 : SP_2017_ST0007_283_45_20170511_00062.jpg



Landowner has stored these bamboo plants on the waterside shoulder. And on parts of the roadway.

LM Start	6.88	Rating **	U	Issue No.	46
LM End	6.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.521408 °	38.521547 °
				-121.779775 °	-121.780033 °
DWR ID	DWR_ST0007_02_s_2017_46				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
The young plants that are less than 1.0 inches can be thinned out before they mature.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

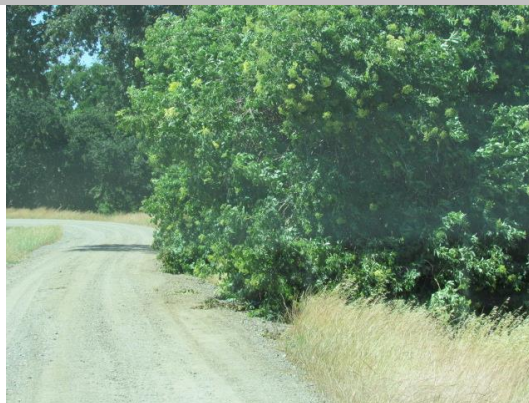
Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	04/18/2017 04/18/2017	Herman Phillips

LM Start	7.00	Rating **	U	Issue No.	47
LM End	7.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.522328 °	38.522393 °
				-121.781447 °	-121.781663 °
DWR ID	DWR_ST0007_02_s_2017_47				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
These Elderberries are blocking view of levee section and blocking access to a portion of the shoulder waterward. Some of these stalks are less than 1.0 inch that could be thinned out.					

Photo 1 of 1 : SP_2017_ST0007_283_47_20170511_00061.jpg



Elderberry bushes blocking view of waterside shoulder at this location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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